

CLAIM AMENDMENTS

Please cancel claim 20 and amend claims 1, 3, 6, 18, 21, 24, 27-28, and 30-32 as follows:

1. (currently amended) A method of providing customized contact lenses to a user, said method comprising the steps of:
 - providing a choice of sample eyes for selection by said user as a modeling template;
 - selecting one or more of said sample eyes as a template eye;
 - selecting a pre-configured pattern;
 - ~~for superposition~~ superposing said selected pre-configured pattern onto a portion of said template eye;
 - selecting one or more colors from a pallet of colors; ~~for~~
 - coloring superposition areas of said selected pattern with the selected colors to generate an image of a contact lens; and
 - adjusting said pattern and/or colors to generate an optimized image of a modified contact lens in accordance with the intentions of said user ~~selections~~.
2. (Original) The method of claim 1 further comprising the step of generating contact lens manufacturing parameters and procedures in accordance with said image and said user selections.
3. (Currently amended) A method of providing a customized contact lens to a user linked to a computer network interface, said method comprising configuring the customized contact lens for the user linked to a computer network interface, wherein the configuring includes the steps of:
 - providing a plurality of sample eye templates for selection by said user via said computer network interface;
 - receiving a request from said user indicating selection of at least one of said eye templates;
 - providing said user with a plurality of available colors for incorporation into a portion of said selected template;
 - receiving a request from said user indicating selection of at least one of said colors;
 - providing said user with an image of said selected eye template incorporating said at least one selected color;

adjusting said image and said template into a modified image and a modified template to optimize cosmetic effects of a contact lens in accordance with the intentions of said user;

receiving a request from said user to order at least one contact lens made in accordance with said modified image and said modified template; and

forwarding information relating to said modified image for fabrication into at least one contact lens made in accordance with said modified image and said modified template.

4. (Amended) The method of claim 3, wherein the configuring further comprises the steps of receiving information from said user relating to cornea shape and size; and initially selecting said eye templates in accordance with said user-provided information prior to being provided to said user for selection.
5. (Original) The method of claim 4 further comprising the steps of forwarding said request to a manufacturing system; and manufacturing a contact lens in accordance with said user selections.
6. (Currently amended) A method of providing a customized contact lens to a user linked to a computer network interface, said method comprising configuring the customized contact lens for the user linked to a computer network interface and sending an ordering request to order a contact lens, wherein the configuring includes the steps of:
 - displaying a template eye image to assist said user in visualizing selected options for a customized contact lens; and
 - displaying a plurality of contact lens selection options to said user, said selection options including a plurality of selectable lens colors and lens design patterns; and
 - adjusting said image into a modified template image to optimize the incorporation of selected information from said user into said image.
7. (Original) The method of claim 6 further comprising the steps of
 - incorporating lens colors and lens design patterns selected by the user into said order request;
 - receiving the ordering request; and
 - manufacturing a contact lens incorporating said lens colors and lens design patterns selected by said user.

8. (Amended) The method of claim 6, wherein the configuring further comprises the step of deriving a contact lens pattern that, when worn, modifies the appearance of an eye according to the intentions of the user.
9. (Amended) The method of claim 7, wherein the configuring further comprises the step of deriving a contact lens pattern that, when worn, modifies the appearance of an eye according to the intentions of the user.
10. (Amended) The method of claim 6, wherein the configuring further comprises the step of scanning a portion of an eye to create an image for use as said template eye image.
11. (Amended) The method of claim 6, wherein the configuring further comprises the steps of incorporating said lens colors and lens design patterns selected by said user into said template eye image to produce a modified template eye image; and displaying said modified template image to said user for approval.
12. (Original) The method of claim 6 wherein said user is linked to a computer network via a user interface, and at least said steps of displaying contact lens selection information and sending said ordering request are performed via said interface.
13. (Original) The method of claim 12 wherein said user interface is a personal computer having a visual display.
14. (Original) The method of claim 13 wherein said user interface is a handheld portable personal computing device.
15. (Original) The method of claim 13 wherein said user interface is a portable laptop computer.
16. (Original) The method of claim 6 further comprising the step of providing an image of a contact lens to said user incorporating selected lens colors and lens design patterns for review by said user.
17. (Original) The method of claim 16 wherein said contact lens selection options further comprise lens vision correction parameters.
18. (Currently amended) The A method of claim 6 providing a customized contact lens to a user linked to a computer network interface, said method comprising configuring the customized contact lens for the user linked to a computer network interface and sending an ordering request to order a contact lens, wherein the configuring further comprises the steps of:

displaying a template eye image to assist said user in visualizing selected options for a customized contact lens;

displaying a plurality of contact lens selection options to said user, said selection options including a plurality of selectable lens colors and lens design patterns; and

requesting submission of graphic design images from said user for incorporation into said customized contact lens and displaying a modified template image to said user incorporating submitted graphic design images.

19. (Original) The method of claim 18 wherein said graphic design images are requested through said user interface, said graphic design images further comprising image files in computer-readable format.
20. (Cancelled)
21. (amended currently) The method of claim 620 wherein said modified template image is a substantially accurate representation of the produced customized contact lens.
22. (Original) The method of claim 21 further comprising the step of manufacturing a customized contact lens substantially resembling said modified template image.
23. (original) The method of claim 6 further comprising the step of forwarding said ordering request to a manufacturing facility for producing said lens in accordance with the colors and lens design patterns selected by the user.
24. (Currently amended) The A method of claim 23 providing a customized contact lens to a user linked to a computer network interface, said method comprising configuring the customized contact lens for the user linked to a computer network interface and sending an ordering request to order a contact lens, wherein the configuring further comprises the steps of:
displaying a template eye image to assist said user in visualizing selected options for a customized contact lens;
displaying a plurality of contact lens selection options to said user, said selection options including a plurality of selectable lens colors and lens design patterns; and
obtaining prescription information from said user for said customized lens and incorporating said prescription information into said ordering request.
25. (Original) The method of claim 24 further comprising the step of confirming said prescription information with a medical provider.

26. (Original) The method of claim 25 wherein said step of forwarding further comprises at least one method selected from the list of postcard sending, a data storage device, a pattern code transmission, telephone and facsimile.
27. (Currently amended) The method of claim 26 wherein said customized contact lens is configured for use by a person other than said user.
28. (Currently amended) The A method of claim 6 providing a customized contact lens to a user linked to a computer network interface, said method comprising configuring the customized contact lens for the user linked to a computer network interface, sending an ordering request to order a contact lens, and ~~further comprising the step of~~ creating a user profile for said user, said profile incorporating at least the prescription information for said customized contact lens so that said lens may be worn by said user.
29. (Original) The method of claim 28 further comprising the step of creating a user lens profile for said user via said computer network, said user lens profile including at least one previously configured customized lens design specified by said user.
30. (Currently amended) A method of providing a customized contact lens to a user, the method comprising the steps of:
displaying a template eye;
allowing the user to modify the template eye in accordance with the intentions of the user to achieve a desired ~~the appearance of the eye, and~~
deriving from the modified template eye a contact lens pattern that, when worn, ~~modifies imparts the desired appearance to of an eye according to the intentions of the~~ user.
31. (currently amended) The method of claim 30, wherein ~~further comprising~~ the step of modifying said template eye is performed by using a handheld device.
32. (currently amended) The method of claim 31, wherein ~~further comprising~~ the step of modifying said template eye is performed by selecting a color and using a drawing tool.
33. (Original) The method of claim 32 further comprising the step of transmitting said contact lens pattern to at least one entity selected from the group comprising a peer, a lens ordering service or a manufacturer.

34. (Original) The method of claim 33 further comprising the step of ordering a contact lens.

35-68. (Cancelled)